User Manual

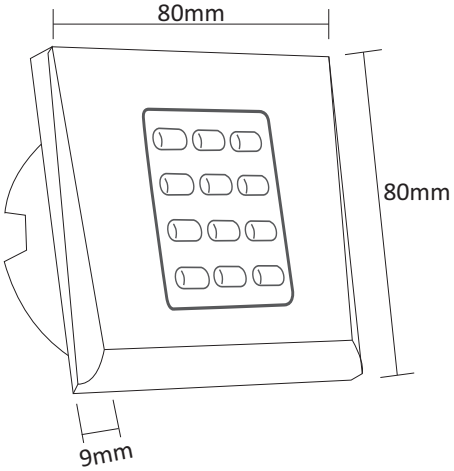
These low profile standalone keypads are designed to fit a UK single gang electrical back box and are available in 6 different colour finishes.

They incorporate an easy to follow programming menu allowing up to 99 unique codes and the setting of relay output times.

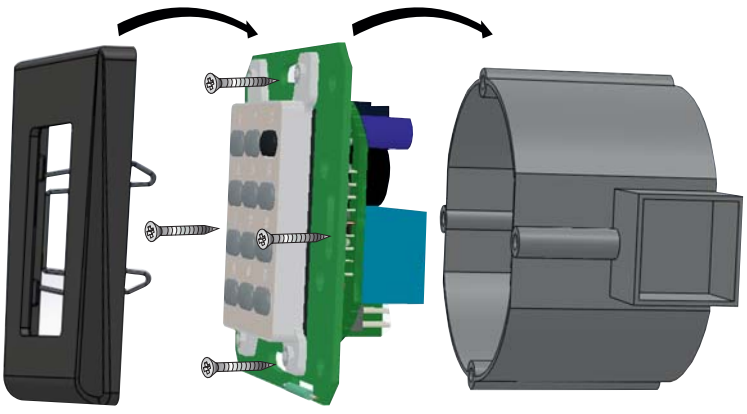
The units also include inputs to trigger the relay from a push to exit button.

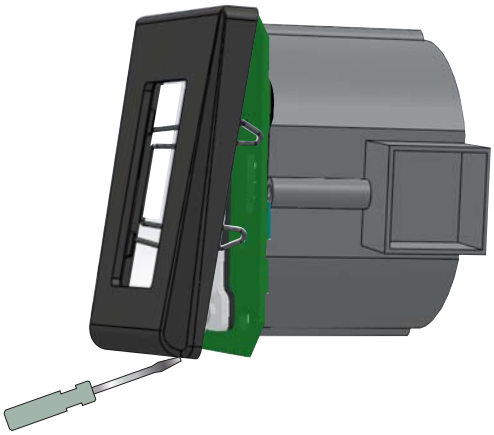
Technical Characteristics

Operating Voltage:	12-24V DC; 15-24V AC
Current consumption:	Standby 30mA; Max 100mA
Relays:	3A @ 24V DC / 230V AC
Relay time:	1 - 99 Seconds or latching (00)
Codes:	99 User codes (1 - 8 digits)
IP rating:	IP40
Housing:	ABS
Mounting:	UK electrical flush back (single gang)
Wiring:	Terminal block
Operating temperature:	-25°C to +50°C



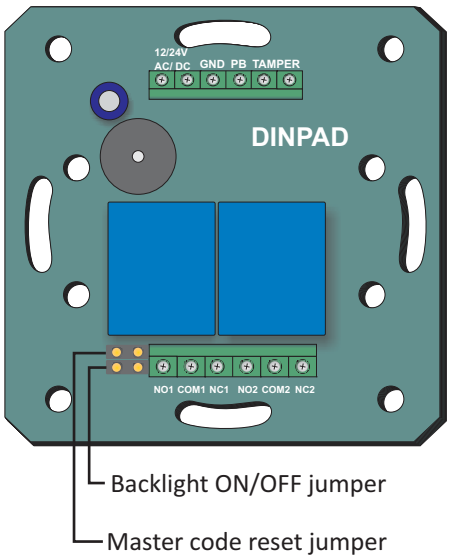
Mounting





Note: Wall mount box not supplied!

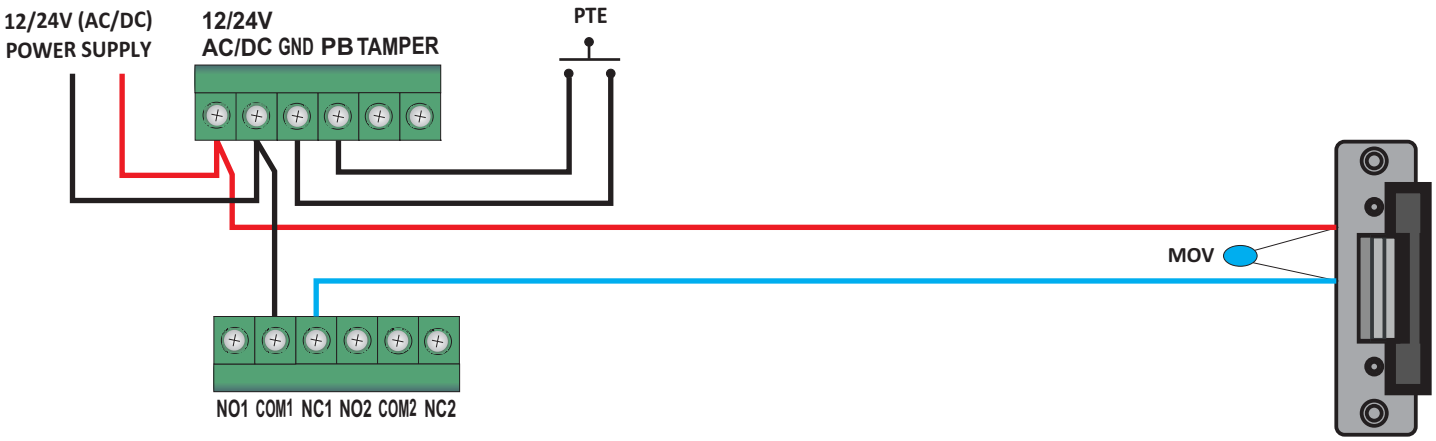
Terminals



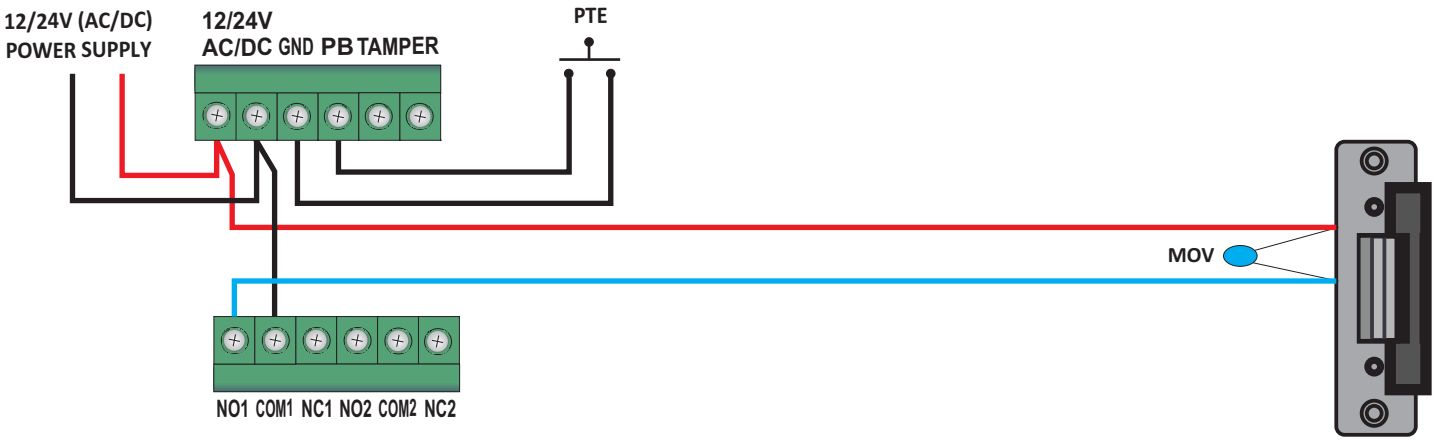
12 / 24V AC / DC	Power supply
	Power supply
GND	Push to exit
PB	
Tamper	Tamper output (dry contact)
Tamper	
NO1	Relay 1: Normally open
COM1	Relay 1: Common
NC1	Relay 1: Normally closed
NO2	Relay 2: Normally open
COM2	Relay 2: Common
NC2	Relay 2: Normally closed

Wiring

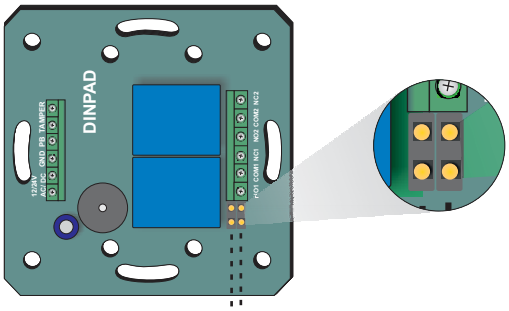
Fail Safe Lock -



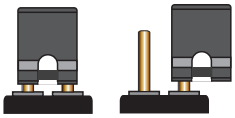
Fail Secure Lock -



Jumpers



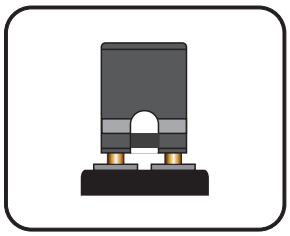
Default: Backlight - closed; Reset - open



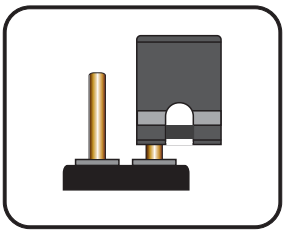
Permanent Backlight ON/OFF

Redefine Master Code

Backlight jumper -



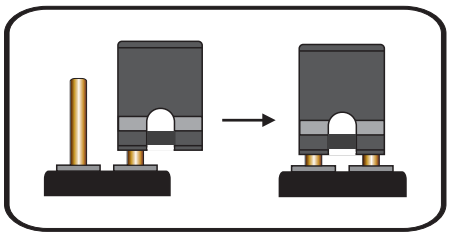
Closed; Backlight always on



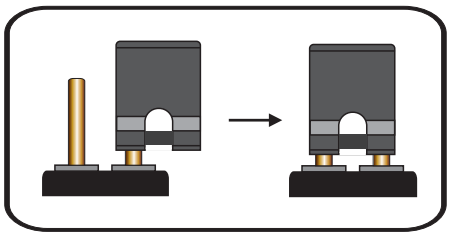
Open; Backlight active upon keypress

Master reset jumper -

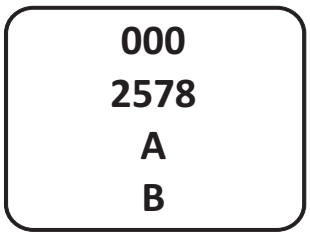
It is possible to redefine and restore the default setting if the Master code is forgotten.



Disconnect power
Close master reset jumper
Reconnect power
Beep Beep + Yellow LED blinks

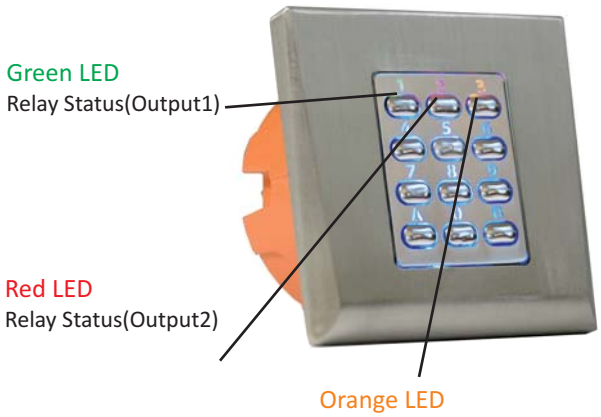


Remove master reset jumper
Yellow LED switches on + Long beep

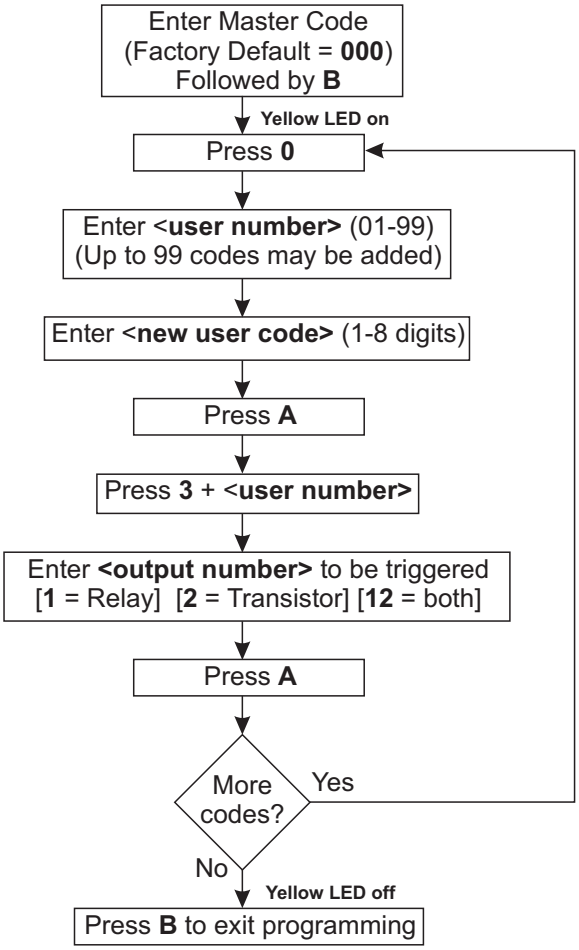


Enter the default master code 000
Enter the new master code e.g 2578
Press A followed by Beep Beep
Press B and the yellow LED switches off

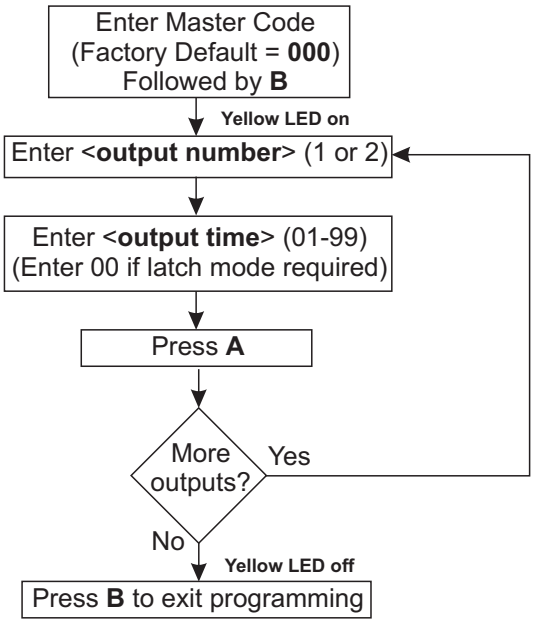
LED status



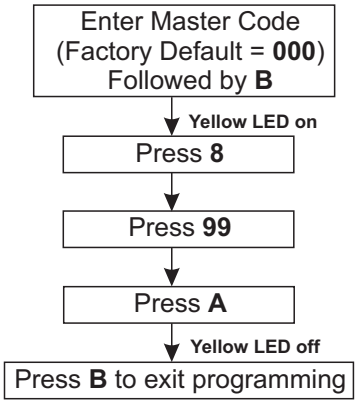
Adding a User Code



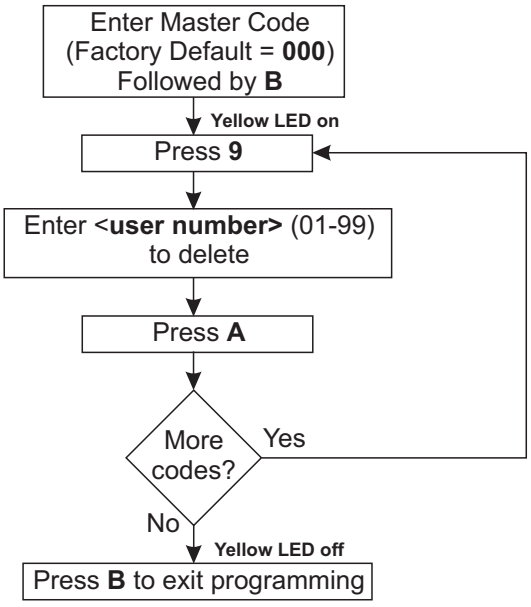
Relay/Output Time

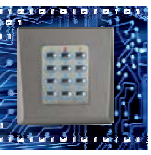


Delete All Codes



Delete a User Code





Troubleshooting

Keypad does not respond to key presses

1. Check the correct voltage is present on the input terminals (12/24v ac/dc).

Keypad is not accepting default master code 000

1. Perform master code reset.

Keypad no longer accepts user code

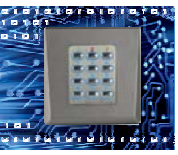
1. Check master code has been changed from the default.
2. Check back EMF protection across lock release.

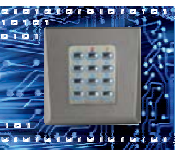
Keypad accepts user code but no longer releases lock

1. Check the correct relay output is assigned to user code.
2. Check push to exit button is normally open.
3. Check for continuity across relay contacts when user code is entered.
4. Check lock wiring for continuity.
5. Check the correct voltage is present on the input terminals (12/24v ac/dc).

Relay triggers and does not return back to its previous state

1. Check relay is not set up to latch





Northern Office
Videx Security Ltd
Unit 4-7 Chillingham ind Est
Newcastle Upon Tyne
NE6 2XX
Tel: 0870 300 1240
Fax: 0191 224 5678

Southern Office
1 Osprey
Trinity Park
Trinity Way
London
E4 8TD
Fax: 0208 523 5825

Technical Support
tech@videx-security.com
Tel: 0191 224 3174
Fax: 0191 224 4938
http://www.videx-security.com